

FIG.1A

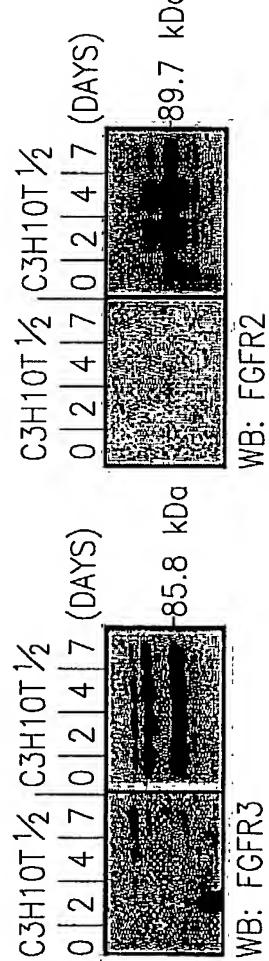


FIG.1B

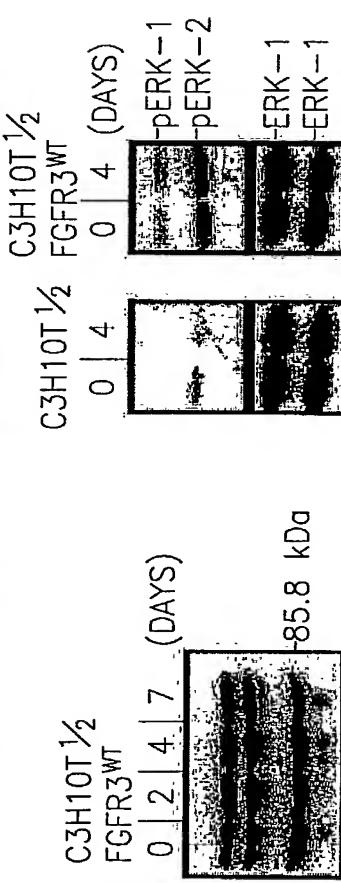
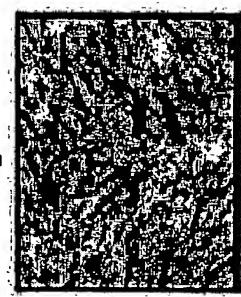


FIG.1C



WT

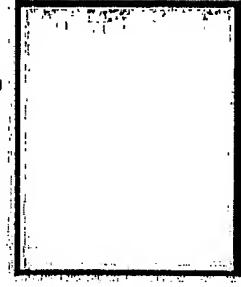
C3H10T 1/2-
FGFR3



ALKALINE PHOSPHATASE, DAY 6

1/2

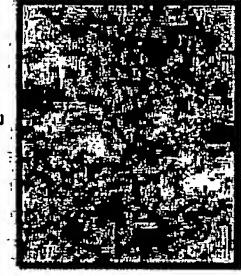
C3H10T 1/2



ALCIAN BLUE, DAY 11

WT

C3H10T 1/2-BMP2



ALKALINE PHOSPHATASE, DAY 6



ALCIAN BLUE, DAY 11

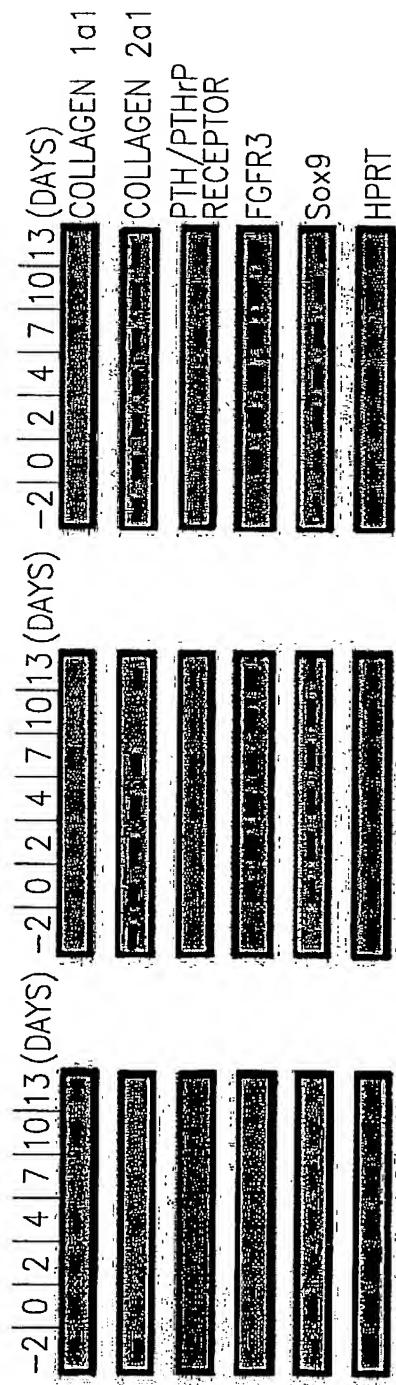


FIG.1D



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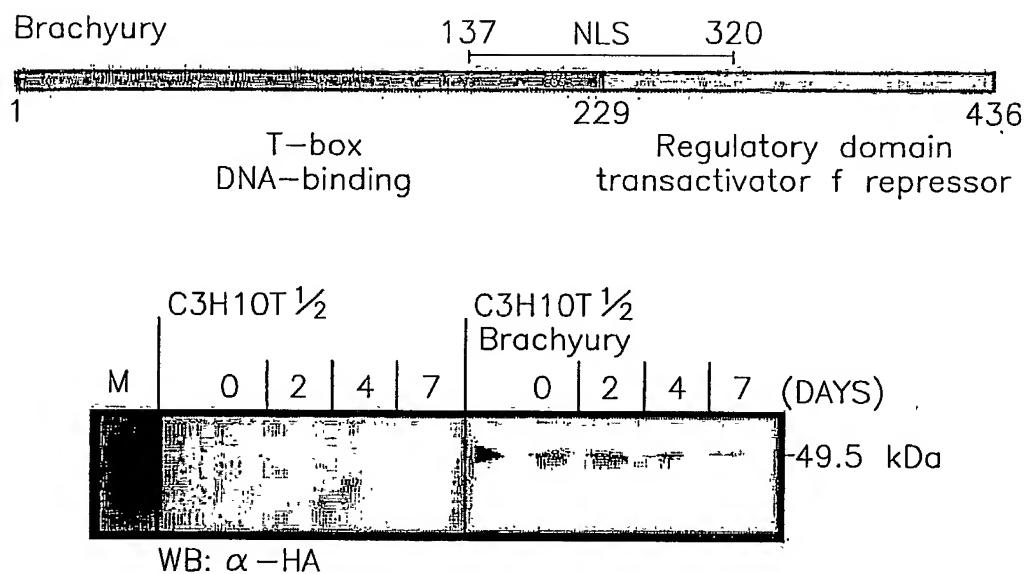


FIG.2A

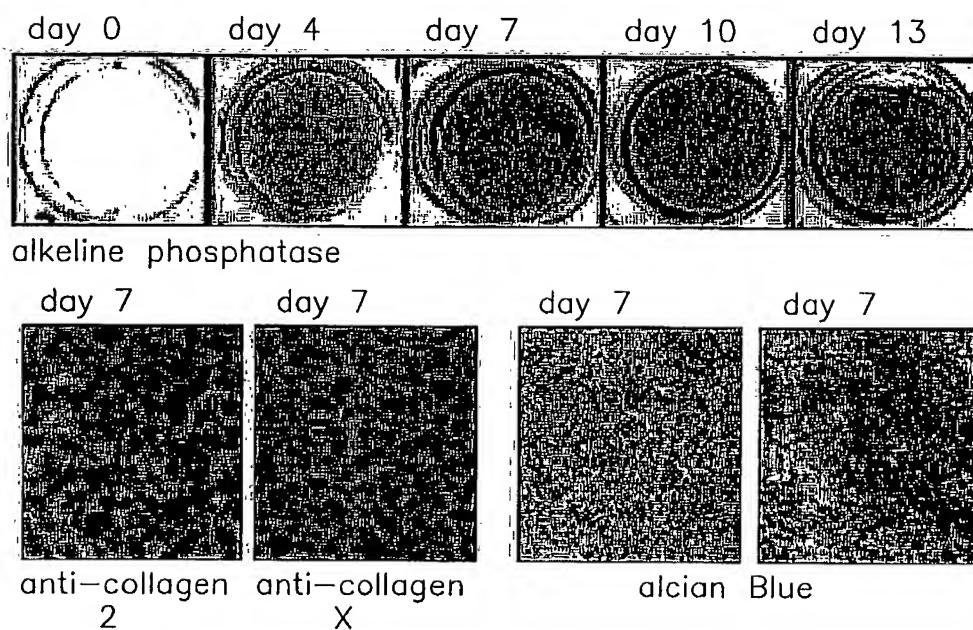


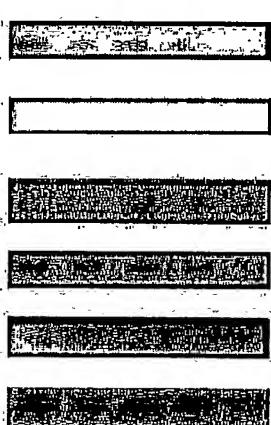
FIG.2B



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C3H10T $\frac{1}{2}$

2 | 4 | 7 | 10 | 13 (DAYS)



C3H10T $\frac{1}{2}$
Brachyury

2 | 4 | 7 | 10 | 13
COLLAGEN 1 α 1

COLLAGEN 2 α 1

PTH/PTHrP
RECEPTOR

FGFR3

Osteocalcin

Brachyury

HPRT

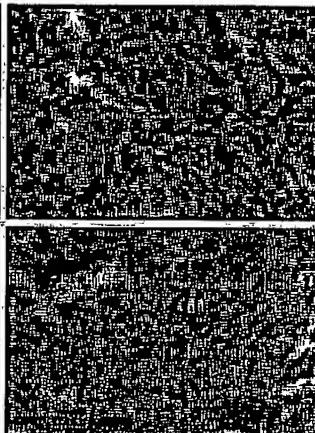
FIG.2C

10 days, HE



10 days
alcian Blue

20 days, HE



20 days
alcian Blue

20 days, Safranin O

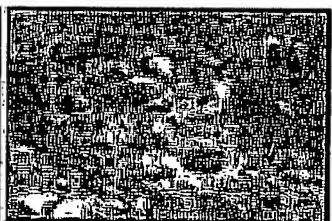
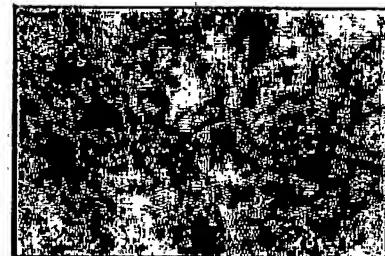


FIG.2D

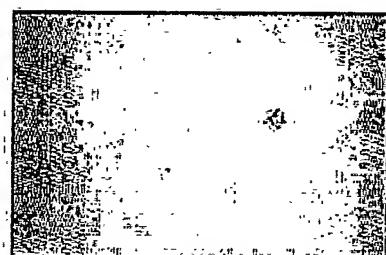
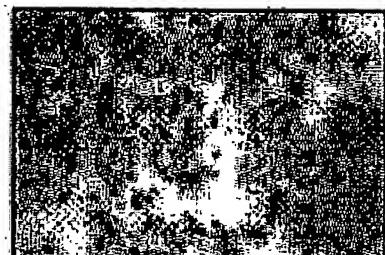
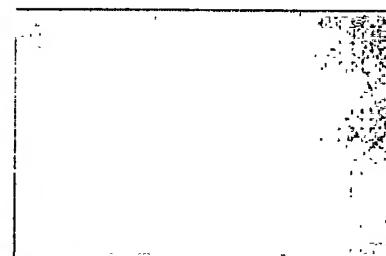


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C3H10T $\frac{1}{2}$ -BMP2



C3H10T $\frac{1}{2}$ -BMP2
Brachyury



alcian Blue, day 11

FIG.3A

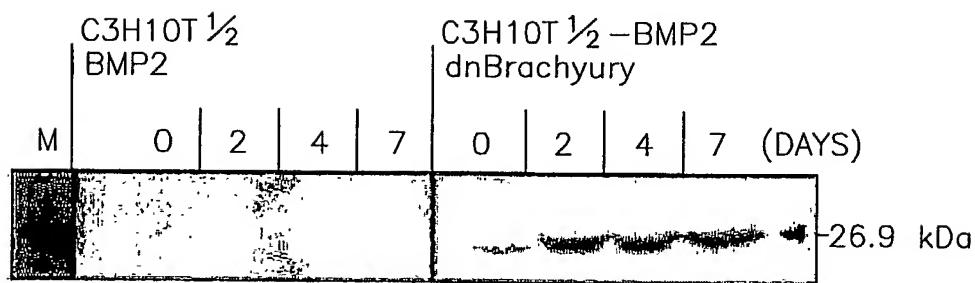


FIG.3B

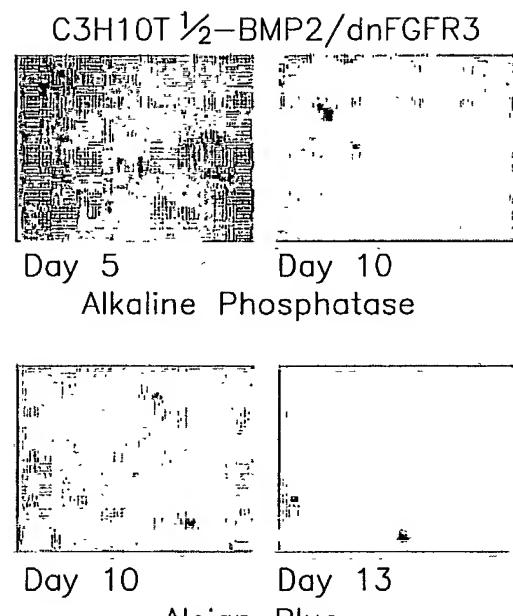
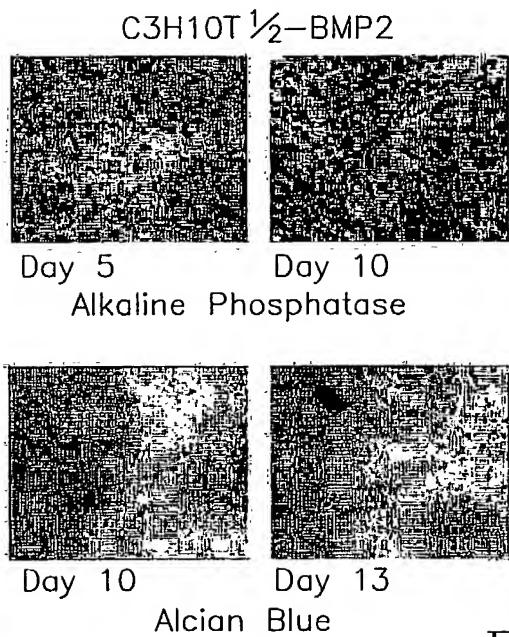


FIG.4A

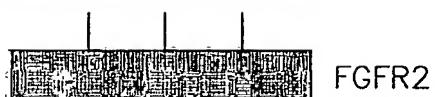
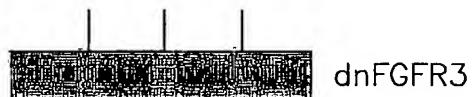
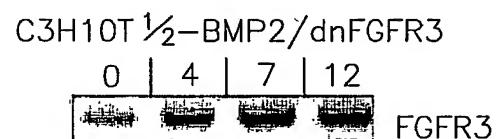
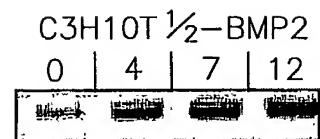


FIG.4B

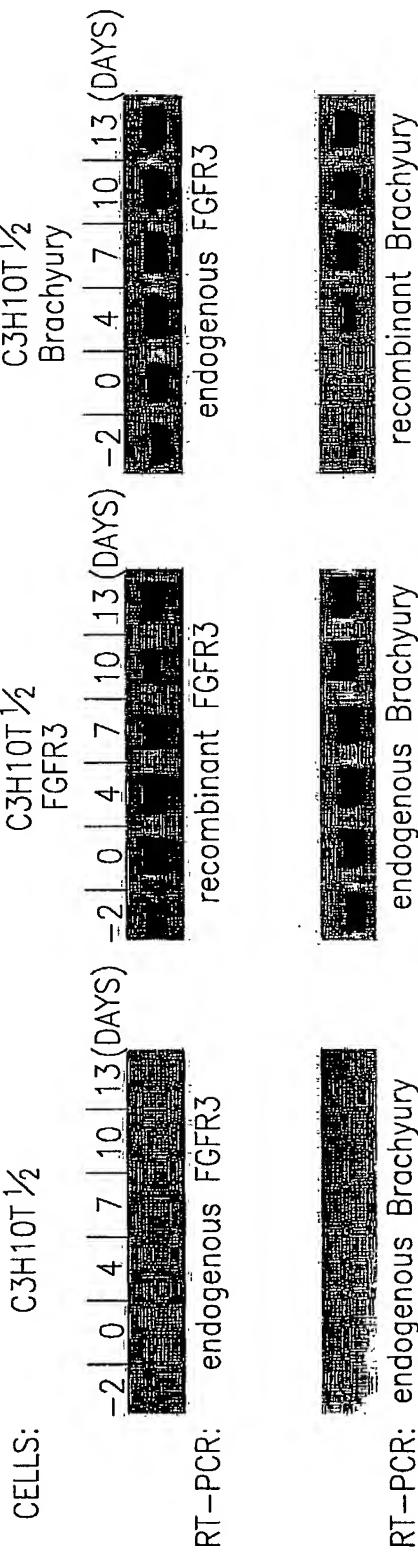


FIG.5A

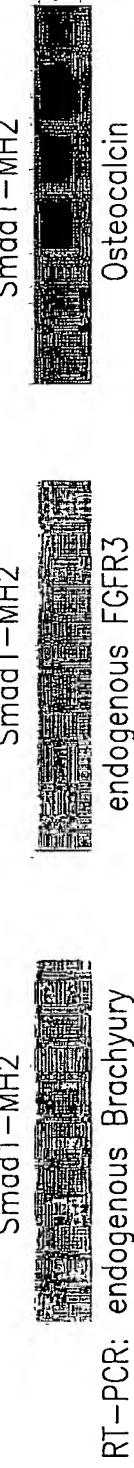


FIG.5B

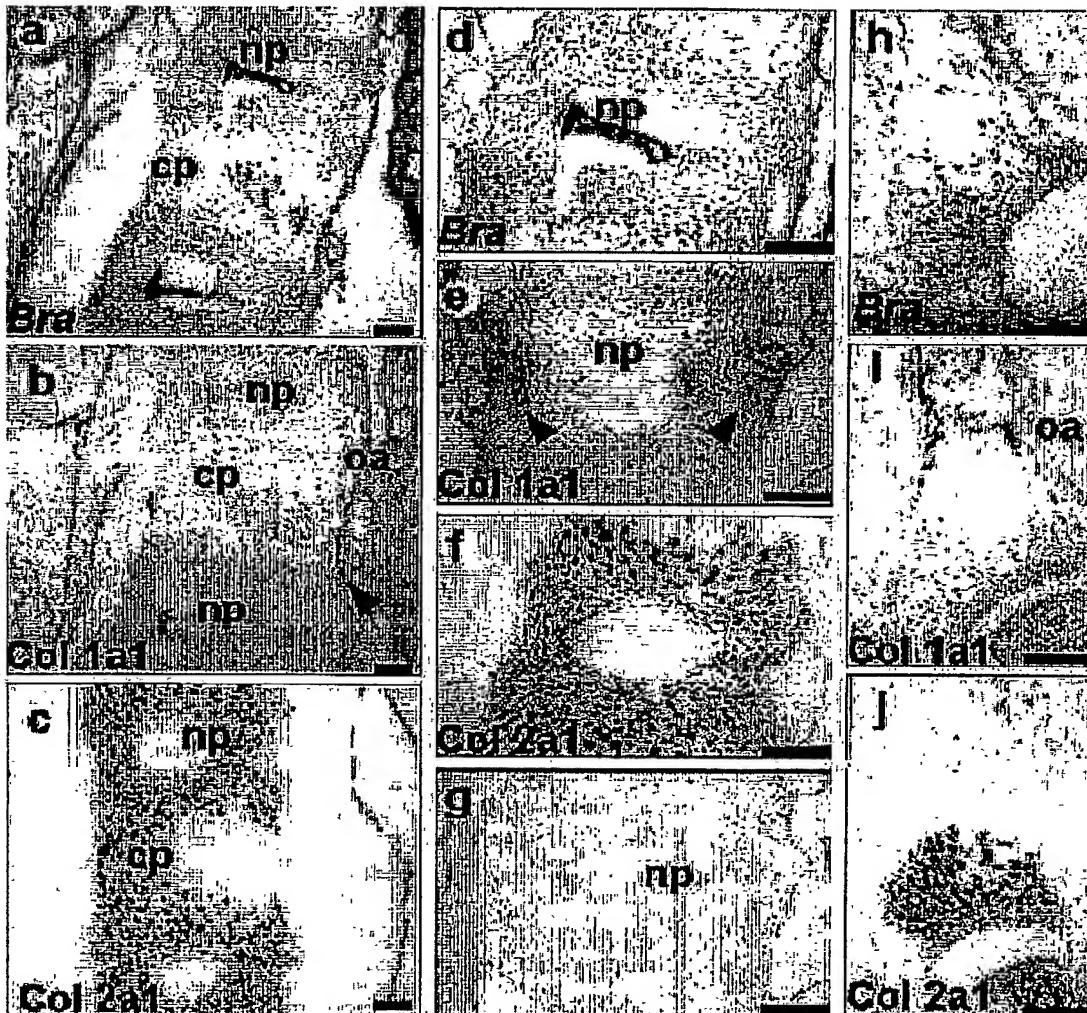


FIG. 6A

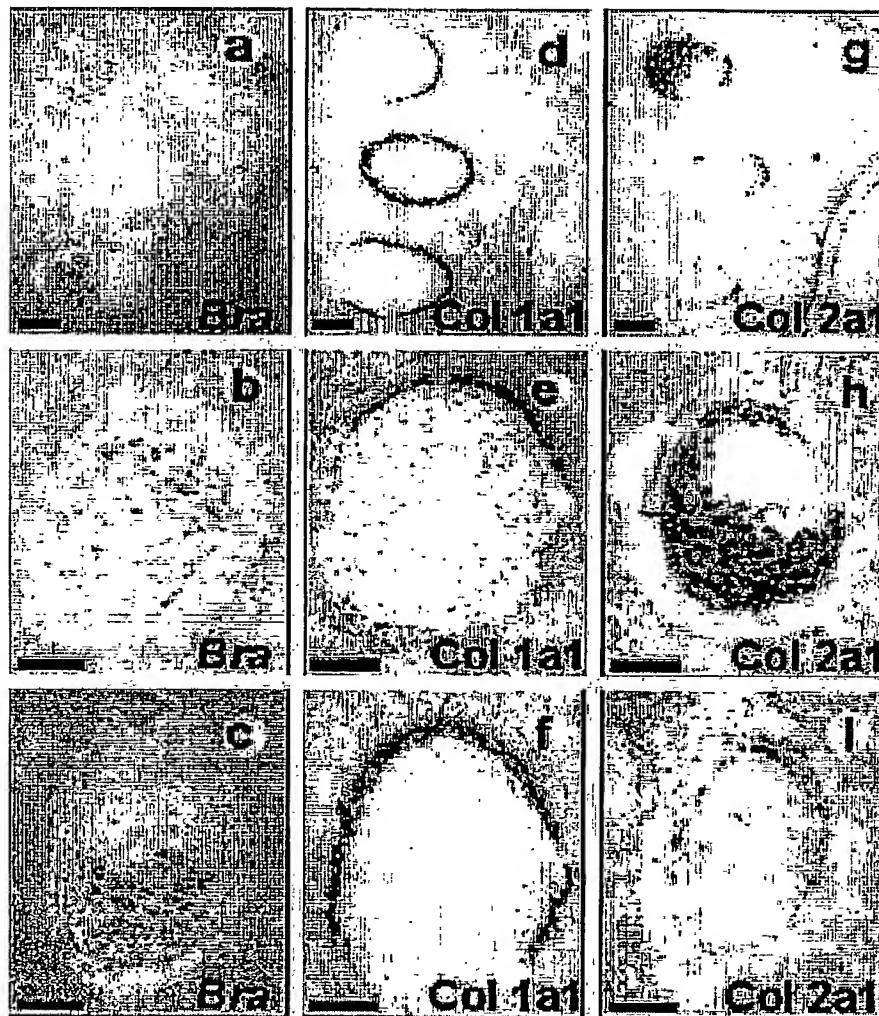


FIG. 6B

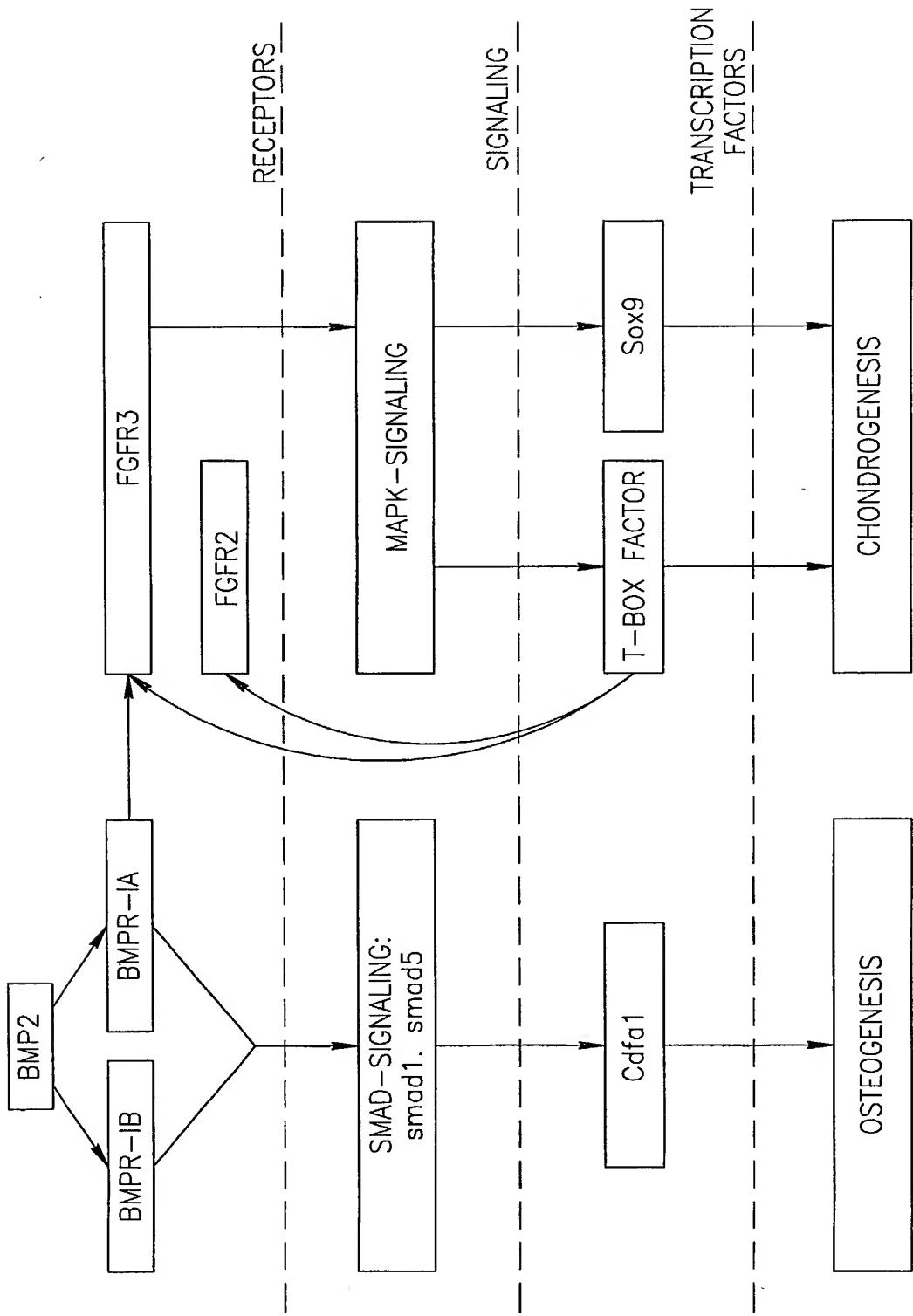


FIG. 7